

EU-1: DIAMOND MOUNTAINS LOCALITY

Chainman Shale: Shale, with a few thin interbeds of sandstone (Nolan and others, 1956, 1974), locally argillitic; in part not differentiated from the overlying unit; unit thickness as much as 1,300 m (4,265 ft) (Poole, F. G., written commun., 1978)

EU-2: PROSPECT RIDGE LOCALITY

Chainman Shale: Shale, with a few thin interbeds of sandstone. Not differentiated from adjacent units; thickness less than 1,524 m (5,000 ft) (Nolan and others, 1956)

Secret Canyon Shale: (Divisible into two subunits)
Lower subunit: Black, papery, argillaceous shale;
true thickness in a drill hole 153.9 m (505 ft)
(Wheeler and Lemmon, 1939)

EXPLANATION

---- Locality boundary, approximate

Locality extends into adjacent county;
adjacent part shown on map of adjacent county

Contact of exposed bedrock unit composed predominantly of clay-rich rock, with a dissimilar unit adjacent

Fault; can constitute the contact of an exposed bedrock unit composed predominantly of clay-rich rock, with a dissimilar unit adjacent

Location of reported thickness

* County seat

Town or village

U.S. Interstate Highway, with designation

6 U.S. Highway, with designation

State Route, with designation

General direction of ground-water flow

•••• Boundary of discharge areas

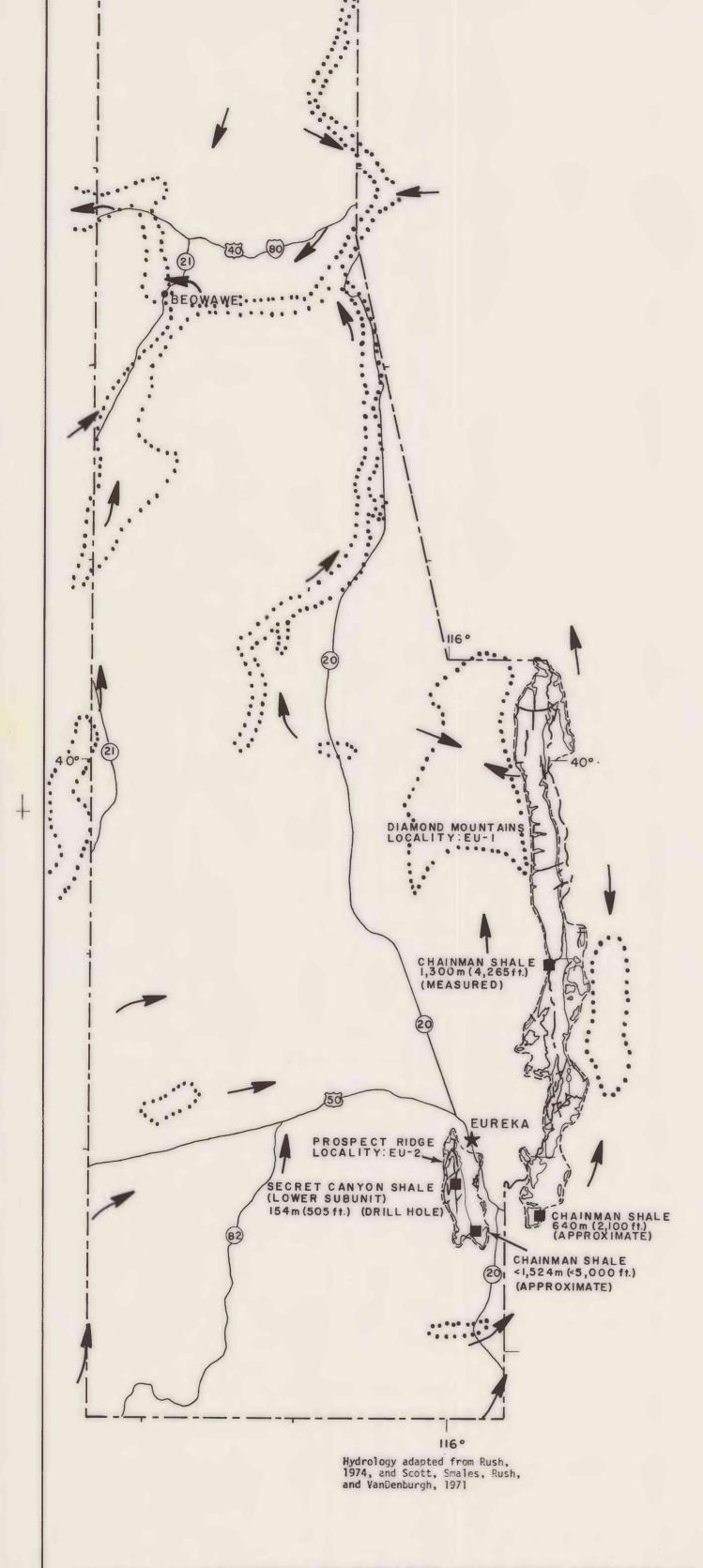


PLATE 3. -- LOCALITIES OF EXPOSED CLAY-RICH BEDROCK IN EUREKA COUNTY, NEVADA, SUITABLE FOR FURTHER INVESTIGATION

| | S | CALE 1:5 | 00,000 | | | |
|-----|------|----------|--------|------------|--|----------|
| 10 | 0 | | 10 | 20 | | 30 MILES |
| EHE | 10 0 | | 10 | 20 30 KILO | | |
| | EBB | HHE | | | | |